# NOTE XXII.

## ON TWO NEW SPECIES OF PACHYCEPHALA FROM SOUTH CELEBES

BY

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While looking through the species of the genus *Pachycephala* in the Leyden Museum, I met with two species which will prove to be new to science. They were collected in 1878, in the district of Macassar, South Celebes, by the well-known Dutch Naturalist Teysmann, and they will form the second and third species hitherto with certainty stated from Celebes, the first being *P. sulfureiventer* (Walden) from North Celebes.

1. *Pachycephala teysmanni*, n. sp.

Similar to *P. orphea* Jard. from Timor, with the exeption of the ashy gray head and the much stronger bill. Entire crown, including forehead, nape, lores, sides of head and ear-coverts, uniform ashy gray without any tinge of olive; mantle, back, rump, upper tail-coverts and tail above and below olive-green; the rump, upper tail-coverts and outer edge of tail-feathers strongly tinged with yellow; wings blackish, the primaries edged on the basal half with yellowish green, on the terminal half with pearly gray, the secondaries and upper wing-coverts more broadly edged with yellowish green, edge of wing yellow. Chin and throat white, breast, flanks and abdomen pale fawn, the latter with a yellowish hue, under tail-coverts bright

yellow, thighs yellowish green, under wing-coverts and inner edge of quills from underneath pale fawn. Bill black, feet brown.

One of the three specimens, probably not fully adult, differs from the two other in having the olive edges to the inner secondaries strongly tinged with fawn, and some fawn-colored feathers are also found on the gray head and hind neck. All three specimens are unsexed, but judging from analogy in the closely allied *P. orphea*, the female is quite alike the male.

Wing 7,1—7,3 cm., tail 6, culmen 1,7, tarsus 2.

2. *Pachycephala meridionalis*, n. sp.

Similar to *P. sulfureiventer* (Wald.) from North Celebes, but differs in the browner tinge of the upper surface and in the somewhat larger size. The upper surface is reddish brown, with hardly any tinge of the olive which characterizes the northern form; chin and throat are less pure white, the fawn-color on the chest a trifle darker, the yellow on lower breast, abdomen and under tail-coverts by far not so rich. Bill black, feet brown.

| | Wing | tail | culmen | tarsus |
|---|---|---|---|---|
| *P. sulfureiventer:* | 7,7—7,8; | 5,7—6; | 1,6; | 2 cm. |
| *P. meridionalis:* | 8,2; | 6,5—6,7; | 1,7; | 2 cm. |

Of this southern representative of *P. sulfureiventer* our Museum contains two probably adult, but unsexed specimens.

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